| Ref<br># | Hits   | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------|---|---|---------------------|---------|------------------|
| L1       | 2468   | amorphiz\$6 or amorphor\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/11/23 13:49 |
| L2       | 5872   | noncrystal\$10  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/11/23 13:50 |
| L3       | 12455  | 1 or 2 or alpha near2 (silicon or semiconductor or si)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/11/23 13:51 |
| L4       | 756301 | laser   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/11/23 13:51 |
| L5       | 7242   | spc or solid adj phacse adj crystal\$10   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/11/23 14:39 |
| L6       | 158963 | ldd or light\$4 adj dope\$4 adj drain or<br>shallow   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/11/23 13:52 |
| L7       | 24712  | ldd or light\$4 adj dope\$4 adj drain or<br>shallow near2 (source or drain or<br>junction or ultra) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/11/23 14:14 |
| L8       | . 0    | 7 same 5 same 3 same 4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/11/23 14:39 |
| L9       | 15     | 7 and 5 and 3 and 4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/11/23 14:39 |
| L10      | 4      | 5 same 3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/11/23 14:00 |

|     |        | T  | Γ   | · · · · · · · · · · · · · · · · · · · |    | <del> </del> 1   |
|-----|--------|--|---|---------------------------------------|----|------------------|
| L11 | 25     | 5 same 6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON | 2004/11/23 14:09 |
| L12 | 200877 | mosfet or (metal adj (oxide or insulat\$\$) adj semiconducor adj (fet or field)) or pmos or cmos or nmos or misfet | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON | 2004/11/23 14:08 |
| L13 | 112    | 12 and 7 and 5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON | 2004/11/23 14:10 |
| L14 | 2      | 12 and 7 same 5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON | 2004/11/23 14:10 |
| L15 | 18499  | ldd or light\$4 adj dope\$4 adj drain or low adj densit\$4 adj dop\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON | 2004/11/23 14:14 |
| L16 | 1079   | ultrashallow or ultra adj shallow  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON | 2004/11/23 15:42 |
| L17 | 3      | (15 or 16) same 5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON | 2004/11/23 15:04 |
| L18 | 153    | (15 or 16) and 5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON | 2004/11/23 14:26 |
| L19 | 1      | 16 and 5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON | 2004/11/23 14:28 |
| L20 | 5722   | shallow near2 junction   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON | 2004/11/23 14:38 |

| L21 | 7985   | spc or solid adj phase adj crystal\$10 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/23 14:39 |
|-----|--------|--|---|----|----|------------------|
| L22 | 0      | 7 same 21 same 3 same 4                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/23 14:39 |
| L23 | 22     | 7 and 21 and 3 and 4                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/23 14:40 |
| L24 | 7      | 23 not 9                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/23 14:40 |
| L25 | 0      | 16 same 21                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/23 14:49 |
| L26 | 4      | 16 and 21                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/23 14:51 |
| L27 | 145368 | shallow                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/23 14:52 |
| L28 | 23     | 27 same 21                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/23 14:52 |
| L29 | 570    | (15 or 16) same 4                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/23 15:04 |
| L30 | 308    | 29 and 12                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/23 15:05 |

|     |         |  | 1   | r  | 1   | <u> </u>         |
|-----|---------|--|---|----|-----|------------------|
| L31 | 1347608 | crystal\$10 or recrystal\$10 or polycrystal\$10  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/11/23 15:05 |
| L32 | 121     | 29 not 31  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/11/23 15:07 |
| L33 | 21      | 29 same 3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/11/23 15:07 |
| L34 | 1       | 33 not 31  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/11/23 15:07 |
| L35 | 145415  | ultrashallow or shallow  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/11/23 15:43 |
| L36 | 35      | 35 same 3 same 4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/11/23 15:54 |
| L37 | 103     | 35 same 3 and 4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/11/23 15:45 |
| L38 | 3       | (("6326226") or ("6608326") or ("6821825")).PN.  | USPAT   | OR | OFF | 2004/11/23 15:53 |
| L39 | 0       | 38 same 4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/11/23 17:46 |
| L40 | 3095    | ((438/303) or (438/482) or (438/484)<br>or (438/520) or (438/522) or<br>(438/528)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/23 17:45 |

| L41 | 839 | ((438/482) or (438/484)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/23 17:46 |
|-----|-----|--------------------------------|---|----|-----|------------------|
| L42 | 37  | 41 and 27                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/11/23 17:47 |
| L43 | 8   | 41 and 27 and 4                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/11/23 17:47 |

| Ref<br>#  | Hits | Search Query                                  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|-----------|------|---|---|---------------------|---------|------------------|
| <b>L1</b> | 7616 | spc or solid adj phase adj<br>crystallization | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/11/23 11:54 |
| L2        | 1455 | silicon and 1                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/11/23 11:55 |
| L3        | 199  | germanium and 2                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/11/23 11:58 |
| L4        | 105  | cmos and 3                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/11/23 11:59 |